SAUGET AREA 2
ILD000605790

USGS

Reference No. 27

150802

PROVISIONAL DATA SUBJECT TO REVISION

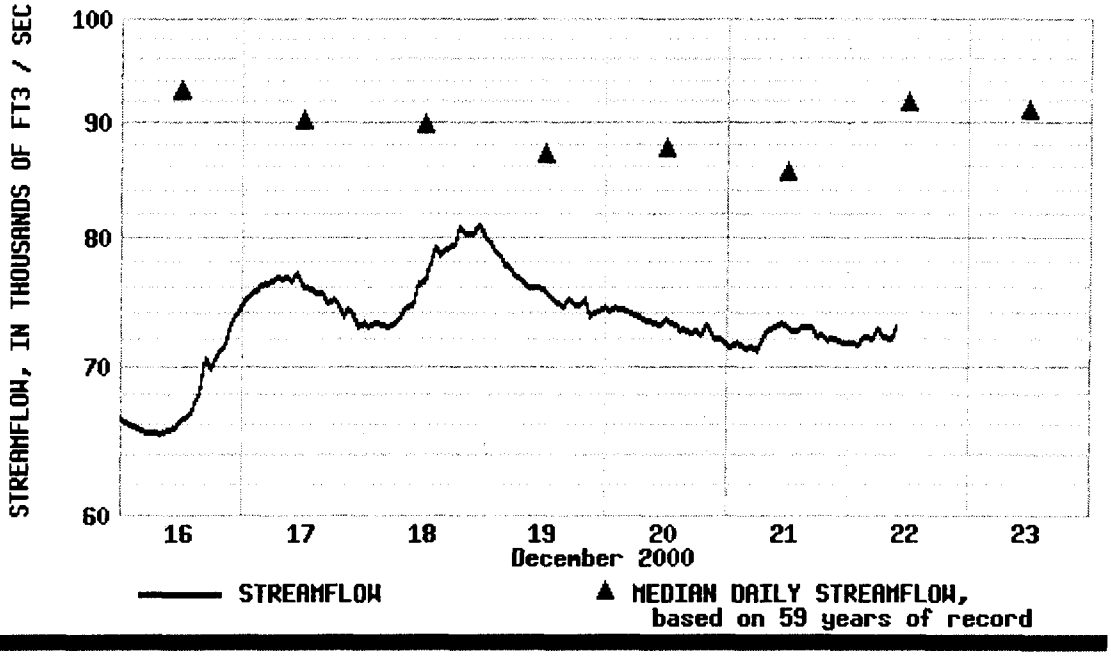
07010000-- MISSISSIPPI RIVER AT ST. LOUIS, MO.

Station operated in cooperation with U.S. Army Corps of Engineers - St. Louis District.

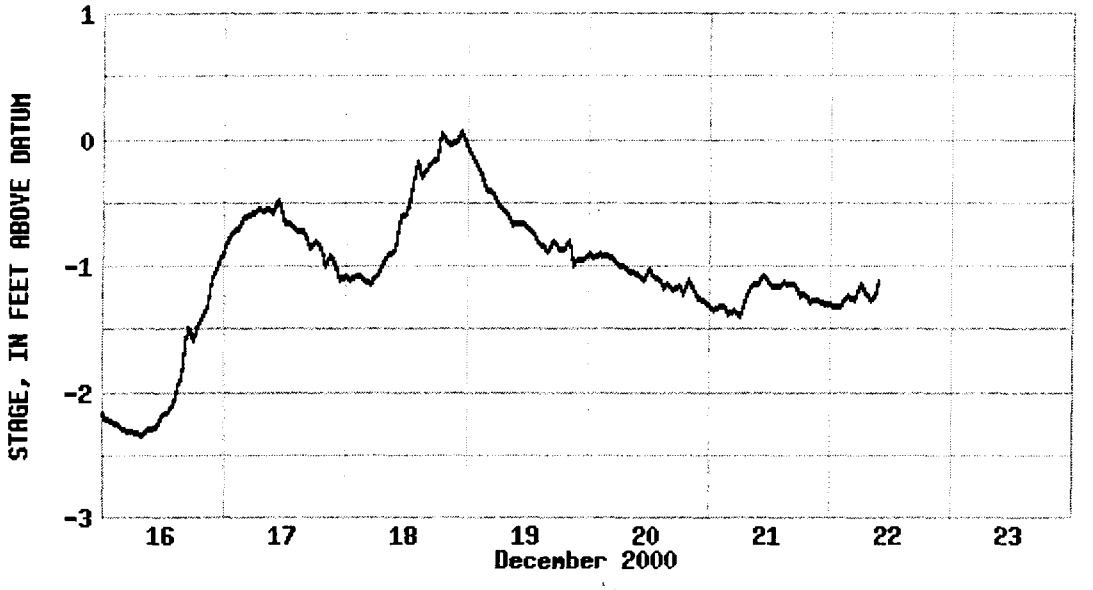
Current Conditions

Flow (ft^3/s)	Stage (ft)	Date	Time
72,900	-1.12	12/22	10:00

Streamflow -- updated Fri Dec 22 10:00 2000 -- download presentation-quality graph



Stage -- updated Fri Dec 22 10:00 2000 -- download presentation-quality graph



- Data used in graph
- Historical daily mean or peakflow data for this station
- Complete station data for previous water year
- Return to Current Streamflow Conditions table

Station Description

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STATION.--07010000  MISSISSIPPI RIVER AT ST. LOUIS, MO
LOCATION.--Lat 38°37'44", long 90°10'47", Hydrologic Unit
     07140101, on downstream side of west pier of Eads Bridge at
     St. Louis, 15.0 mi downstream from Missouri River, 19.2 mi
     upstream from Meramec River, and at mile 180.0 above the Ohio River.
DRAINAGE AREA.--697,000 mi2, approximately.
PERIOD OF RECORD.--
DISCHARGE: January 1861 to current year. Monthly discharge only for some
     periods, published in WSP 1311.
GAGE HEIGHT: March 1933 to current year in reports of the U.S. Geological
     Survey. Since January 1861 in reports of Mississippi River Commission.
     Since January 1890 in reports of the National Weather Service.

REVISED RECORDS.--WDR MO-76-1: Drainage area.
GAGE.--Water-stage recorder. Datum of gage is 379.94 ft above sea level.
     Prior to May 5, 1934, nonrecording gage 0.4 mi downstream; May 5, 1934,
     to Dec. 9, 1952, water-stage recorder at site 20 ft downstream at
     present datum.
REMARKS.--Natural flow of stream affected by many reservoirs and
     navigation dams in upper Mississippi River Basin and by many
     reservoirs and diversions for irrigation in Missouri River Basin.
     National Weather Service gage-height
EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 27, 1844, reached a
     stage of 41.32 ft, from floodmarks, discharge, 1,300,000 ft3/s,
     computed by U.S. Army Corps of Engineers. Flood in April 1785
     may have reached a stage of 42.0 ft. Minimum flow, 18,000 ft3/s,
     Dec. 23, 1863.
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Daily Mean Flow Statistics for 12/22 based on 59 years of record, in ft^3/s

Latest flow 12/22 10:00	Minimum	Mean	Maximum	80 percent exceedance	50 percent exceedance	20 percent exceedance
72,900	38,900	109,000	288,000	61,200	91,900	150,000
Percent exceedance means that 80, 50, or 20 percent of all daily mean flows for 12/22 have been greater than the the value shown.						

Flood thresholds

Flow (ft^3/s)	Stage (ft)
-1.0	30.0

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